



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Larry J. Carson et al. Art Unit : Unknown
Serial No. : 10/028,257 Examiner : Unknown
Filed : December 19, 2001
Title : ANALYTICAL DEVICE WITH LIGHTGUIDE ILLUMINATION OF
CAPILLARY AND MICROGROOVES ARRAYS

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL

The following correspondence relating to this application is enclosed for filing:

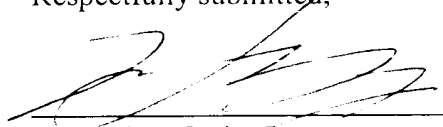
1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (2 pages);
3. Copies of Cited References (33); and
4. A Return Postcard.

Please date stamp and mail the enclosed postcard.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 15 November 2002


H. Sanders Gwin, Jr.
Reg. No. 33,242

Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696

60111999.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: 11-15-02

Signature: 

Trisha J. Anderson

Typed or Printed Name of Person Signing Certificate



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Larry J. Carson et al. Art Unit : Unknown
Serial No. : 10/028,257 Examiner : Unknown
Filed : December 19, 2001
Title : ANALYTICAL DEVICE WITH LIGHTGUIDE ILLUMINATION OF
CAPILLARY AND MICROGROOVES ARRAYS

Commissioner for Patents
Washington, D.C. 20231

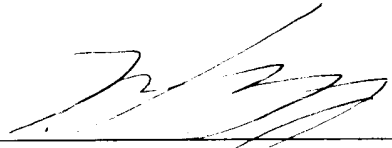
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 15 November 2002



H. Sanders Gwin, Jr.
Reg. No. 33,242

Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696

60111994.doc

RECEIVED
NOV 20 2002
TC 1700

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit 11-15-02

Signature 

Trisha J. Anderson

Typed or Printed Name of Person Signing Certificate

Substitute Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

11618-001001

Application No.

10/028,257

Information Disclosure Statement**by Applicant**

(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant

Larry J. Carson et al.

Filing Date

December 19, 2001

Group Art Unit

Unknown

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,268,080	12/07/93	Kambara et al.			
	AB	5,274,240	12/28/93	Mathies et al.			
	AC	5,314,602	05/24/94	Kambara et al.			
	AD	5,324,401	06/28/94	Yeung et al.			
	AE	5,413,686	05/09/95	Klein et al.			
	AF	5,439,578	08/08/95	Dovich et al.			
	AG	5,498,324	03/12/96	Yeung et al.			
	AH	5,516,409	05/14/96	Kambara et al.			
	AI	5,529,679	06/25/96	Takahashi et al.			
	AJ	5,582,705	12/10/96	Yeung et al.			
	AK	5,667,656	09/16/97	Kambara			
	AL	5,695,626	12/09/97	Yeung et al.			
	AM	5,741,411	04/21/98	Yeung et al.			
	AN	5,759,374	06/02/98	Takahashi et al.			
	AO	5,790,727	08/04/98	Dhadwal et al.			
	AP	5,833,827	11/10/98	Anazawa et al.			
	AQ	5,938,908	08/17/99	Anazawa et al.			
	AR	5,954,932	09/21/99	Takahashi et al.			
	AS	5,964,998	10/12/99	Kambara			
	AT	6,064,784	05/16/00	Whitehead et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AU	WO 00/04371	01/27/00	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
------------------	-----------	----------

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 11618-001001	Application No. 10/028,257
		Applicant Larry J. Carson et al.	
		Filing Date December 19, 2001	Group Art Unit Unknown

Information Disclosure Statement
by Applicant
(Use several sheets if necessary)

(37 CFR §1.98(b))

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AV	Anazawa et al., "A Capillary Array Gel Electrophoresis System Using Multiple Laser Focusing for DNA Sequencing," <u>Anal. Chem.</u> , 1996, 68:2699-2704
	AW	Anazawa et al., "A capillary-array electrophoresis system using side-entry on-column laser irradiation combined with glass rod lenses," <u>Electrophoresis</u> , 1999, 20:539-546
	AX	Huang et al., "Capillary Array Electrophoresis Using Laser-Excited Confocal Fluorescence Detection," <u>Anal. Chem.</u> , 1992, 64:967-972
	AY	Huang et al., "DNA Sequencing Using Capillary Array Electrophoresis," <u>Anal. Chem.</u> , 1992, 64(18):2149-2154
	AZ	Kambara and Takahashi, "Multiple-sheathflow capillary array DNA analyser," <u>Nature</u> , 1993, 361:565-566
	AAA	Lu and Yeung, "Optimization of Excitation and Detection Geometry for Multiplexed Capillary Array Electrophoresis of DNA Fragments," <u>Applied Spectroscopy</u> , 1995, 49(5):605-609
	ABB	Lu and Yeung, "Side-entry excitation and detection of square capillary array electrophoresis for DNA sequencing," <u>J. Chromatography A</u> , 1999, 853:359-369
	ACC	Mathies and Huang, "Capillary array electrophoresis: an approach to high-speed, high-throughput DNA sequencing," <u>Nature</u> , 1992, 359:167-169
	ADD	Quesada et al., "Multi-capillary optical waveguides for DNA sequencing," <u>Electrophoresis</u> , 1998, 19:1415-1427
	AEE	Takahashi et al., "Multiple Sheath-Flow Gel Capillary-Array Electrophoresis for Multicolor Fluorescent DNA Detection," <u>Anal. Chem.</u> , 1994, 66:1021-1026
	AFF	Taylor and Yeung, "Multiplexed Fluorescence Detector for Capillary Electrophoresis Using Axial Optical Fiber Illumination," <u>Anal. Chem.</u> , 1993, 65:956-960
	AGG	Ueno and Yeung, "Simultaneous Monitoring of DNA Fragments Separated by Electrophoresis in a Multiplexed Array of 100 Capillaries," <u>Anal. Chem.</u> , 1994, 66:1424-1431

RECEIVED
NOV 20 2001
TC 1700

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	